

WHAT IS CLAIMED IS:

1. A method of processing an audio stream, comprising:
receiving a digital audio stream;
automatically determining the received digital audio stream comprises a single channel of audio data; and
automatically generating a multi-channel audio stream having at least two audio channels each comprising the single channel of audio data.
2. The method according to claim 1, wherein receiving a digital audio stream further comprises receiving a sequence of audio frames.
3. The method according to claim 1, further comprising copying the single channel audio data from a first frame in the digital audio stream.
4. The method according to claim 3, further comprising inserting a second frame after the first frame, the inserted frame comprising the copied audio data.
5. The method according to claim 4, wherein inserting the copied single channel of audio data further comprises interleaving the copied audio data with the audio data of the first frame.
6. The method according to claim 1, wherein automatically generating a multi-channel audio stream further comprises duplicating the audio data within a frame of a sequence of frames in the received digital audio stream.
7. The method according to claim 6, wherein duplicating the audio data further comprises duplicating the audio data within each frame of the sequence of frames determined to comprise audio data.

8. The method according to claim 1, wherein automatically determining further comprises determining a plurality of frames of the audio stream comprise monophonic audio data.

9. The method according to claim 1, further comprising:
transmitting an analog monophonic audio signal to an analog-to-digital conversion device; and
converting the analog monophonic audio signal to the digital audio stream.

10. The method according to claim 9, wherein transmitting an analog monophonic audio signal comprises transmitting analog video and audio content to the analog-to-digital conversion device.

11. The method according to claim 1, wherein automatically determining further comprises evaluating a bit sequence of the received digital audio stream.

12. The method according to claim 11, wherein generating a multi-channel audio stream further comprises writing a channel mode bit sequence into a frame header of the generated multi-channel audio stream, the bit sequence indicating multi-channel audio data is contained in the multi-channel audio stream.

13. The method according to claim 12, wherein writing a channel mode bit sequence into the header further comprises writing a stereo channel mode bit sequence.

14. A system, comprising:
an analog-to-digital conversion device adapted to receive an analog signal and convert the analog signal into a digital signal; and
an analysis application adapted to automatically determine the digital signal comprises a monophonic audio signal and generate a multi-channel signal having at least two audio channels each comprising the monophonic audio signal.

15. The system according to claim 14, wherein the analog-to-digital conversion device comprises a video capture card.

16. The system according to claim 14, wherein the analog-to-digital conversion device comprises an interface for receiving the analog signal from an analog source device.

17. The system according to claim 14, further comprising a mastering software application adapted to receive the generated signal and process the generated signal for writing to a storage medium.

18. The system according to claim 17, wherein the storage medium comprises an optic disc.

19. A computer-readable medium having stored thereon an instruction set operable to cause the processor to:

receive a digital signal comprising monophonic audio data;

generate an audio signal having at least two audio channels each comprising the monophonic audio data.

20. The computer-readable medium according to claim 19, wherein the processor is operable to generate a sequence of frames each having an associated header, and writing a bit sequence in each header indicating the associated frame comprises multi-channel audio content.

21. The computer-readable medium according to claim 19, wherein the processor is operable to duplicate audio data of each frame.

22. The computer-readable medium according to claim 21, wherein the processor is operable to interleave the duplicated audio data within an information field of the respective frame.

23. The computer-readable medium according to claim 19, wherein receiving a digital audio signal further comprises receiving an audio signal comprising a sequence of frames each having respective monophonic audio data, and generating an audio signal further comprises copying the respective monophonic audio data of each frame of the sequence, wherein the instruction set, when executed by the processor, further causes the processor to:

insert a respective frame for each of the frames of the sequence; and
write the respective copied audio data into one of the inserted frames.

24. The computer-readable medium according to claim 19, wherein the processor is operable to receive video data and monophonic audio data.